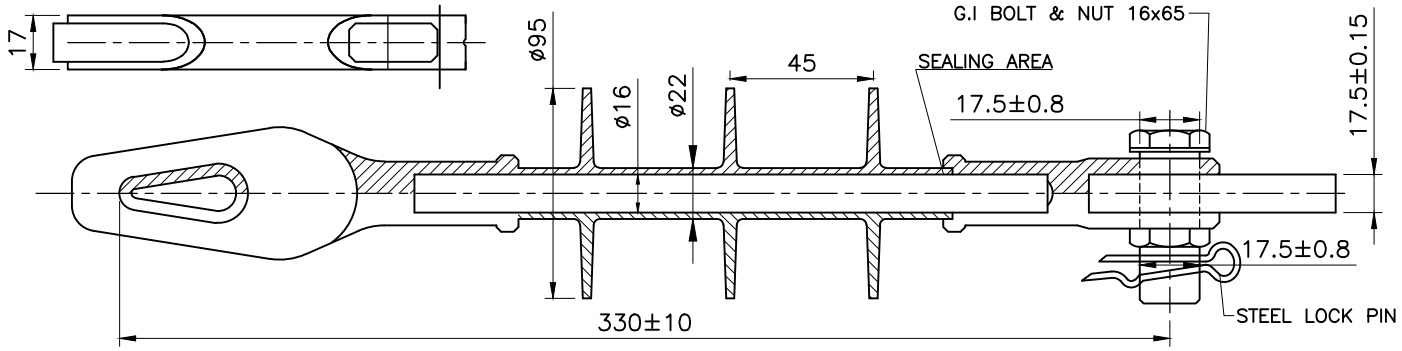

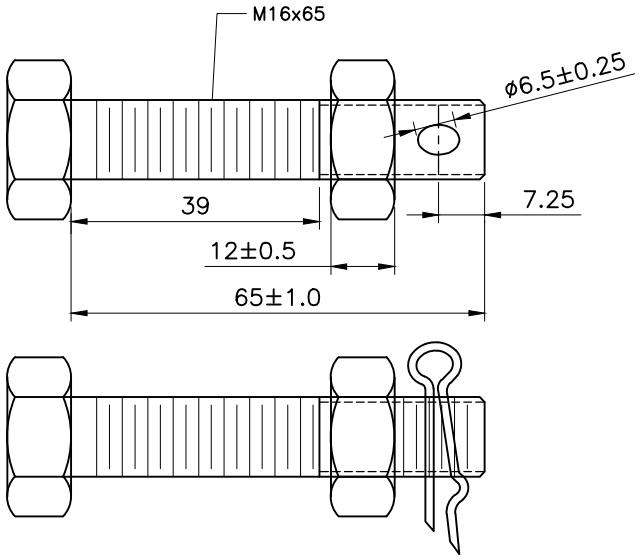

Technical Particulars

1.	Tolerance on all dimensions including diameter length, creepage distance shall be as per IEC–61109
2.	Nominal system voltage:11kV(RMS).
3.	Highest system voltage:12kV(RMS).
4.	Visible Dischange:9kV(RMS).
5.	Wet Power frequency withstand voltage:40kV(RMS).
6.	Impulse withstand voltage:110kV(RMS).
7.	Minimum creepage distance:320mm.
8.	Arcing Distance:173MM.
9.	Minimum tensile load:45KN.
10.	GI Bolts & Nuts M16x65 with split pin.
11.	No.of shed:03.

Description	Material
Polymer Housing	Silicon Rubber } conforms to fig:25
Core Rod	Fibre Glass } of IS 2486–P2–1989
Clevis fitting	SGCI,IS 1865
Dead End Clamp	SGCI,IS 1865
Bolt(M16x65)	Steel Hot Dip Galvanized
Nut(M16)	Steel Hot Dip Galvanized
Split Pin	Stainless Steel

	Signatures	All dimensions are in mm unless otherwise stated.	
Chd	AGM (QS&S)	11kV 45KN COMPOSITE INSULATOR (DEAD END TYPE)	BESCOM
Sub	DGM (QS&S)		Approved: General Manager,(Elec.) QS&S
	SCALE: N.T.S		DRG.NO.BESCOM/GM/QS&S/53 REV–002 DATED:24–11–2018